Project: HOPI HAMP - POTENTIAL FUNDING OPTIONS AND EDU COSTS
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Date: 8/31/20 8/31/2017

	OPTION	
	1A	HAMP -PER
	1B	HAMP -PER
	1C	HAMP -PER - All Loan
0000000000	2A	HAMP - PER - Reduce Elec
	2B	HAMP - PER - Reduce Elec
	2C	HAMP - PER - Reduce Elec - All Loan
	3A	Treatment PER
	3B	Treatment PER
	3C	Treatment PER - All Loan
	4A	Treatment Reduced
	4B	Treatment Reduced
10000000000000	4C	Treatment Red - All Loan
	5A	Treatment - First Mesa Only
	5B	Treatment - First Mesa Only
1000000000000	5C	Treatment - First Mesa Only
		d Treatment - First Mesa Only
		d Treatment - First Mesa Only
5C -	- Improve	d Treatment - First Mesa Only
	6A	Treatment - Second Mesa Only
	6B	Treatment - Second Mesa Only
	6C	Treatment - Second Mesa Only

	Monthly Co				]			Funding Ar	nounts		Annual Costs						
PROJECT PROJECT  COST COST Existing																	
•	TOTAL COST	\$/EDU	\$/EDU	Rates													
- Project \$75	\$/EDU CPAP \$75	CPAP \$54	CPAP S54	\$/EDU \$21		\$16,914,000	Native Grant	Regular Grant #########	Grant % 87%	Loan Amount \$2,228,000	Debt & Reserve (\$90,000.00)	O&M (\$430,000.00)	SLA (\$50,000.00)	Operating Budget			
\$75 \$82	\$75 \$82	\$61	334 \$61	\$21		\$16,914,000	**************************************	######################################	75%	\$4,228,000	######################################	(\$430,000.00)	,	(\$570,000.00) (\$650,000.00)			
\$130	\$130	\$109	\$109	\$21		\$16,914,000	\$0	\$0	0%	##########	#########	(\$430,000.00)	, , ,	############			
\$63	\$73	\$42	\$52 660	\$21		\$15,144,000	########	##########	88%	\$1,786,000	(\$72,000.00)		(\$50,000.00)	(\$447,000.00)			
\$71 \$114	\$81 \$124	\$50 \$93	\$60 \$103	\$21 \$21		\$15,144,000 \$15,144,000	\$0 \$0	######## \$0	75% 0%	\$3,786,000 #########	########## ###########################	(\$325,000.00) (\$325,000.00)	,	(\$527,000.00) (\$984,000.00)			
ΨΙΙΨ	Ψ1 <b>2</b> -4	ΨΟΟ	0.00	ΨZI	004	φ10,144,000	ΨΟ	ΨΟ	<b>3</b> 70		*************	(9020,000.00)	(000,000,000)	(ΦΟΟΦ,ΘΟΟΘΟ)			
 \$113	\$113	\$88	\$88	\$25		\$13,155,000		\$9,866,000	90%	\$1,289,000	(\$52,000.00)	(\$765,000.00)	######################################	(\$937,000.00)			
\$121	\$121	\$96	\$96	\$25		\$13,155,000	\$0 ***	\$9,866,000	75%	\$3,289,000	#########	(\$765,000.00)	##########	###########			
\$158	\$158	\$133	\$133	\$25	884	\$13,155,000	\$0	\$0	0%	#########	#######################################	(\$765,000.00)	##########	##############			
\$33	\$33	\$8	\$8	\$25	884	\$6,514,000	########	\$4,514,000	100%	\$0	\$0.00	(\$40,000.00)	(\$40,000.00)	(\$80,000.00)			
\$39	\$39	\$14	\$14	\$25	884	. , ,	\$0	\$4,886,000	75%	\$1,628,000	(\$65,000.00)		(\$40,000.00)	(\$145,000.00)			
\$57	\$57	\$32	\$32	\$25	884	\$6,514,000	\$0	\$0	0%	\$6,514,000	##########	(\$40,000.00)	(\$40,000.00)	(\$342,000.00)			
\$30	\$30	\$5	\$5	\$25	613	\$2,164,000	########	\$164,000	100%	\$0	\$0.00	(\$20,000,00)	(\$20,000.00)	(\$40,000.00)			
\$33	\$33	\$8	\$8	\$25		\$2,164,000	\$0	\$1,623,000	75%	\$541,000	(\$22,000.00)		(\$20,000.00)	(\$62,000.00)			
\$42	\$42	\$17	\$17	\$25	613	\$2,164,000	\$0	\$0	0%	\$2,164,000	(\$87,000.00)		(\$20,000.00)	(\$127,000.00)			
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\$33 \$39	\$33 \$39	\$8 \$14	\$8 \$14	\$25 \$25	613	\$4,423,000 \$4,423,000	####### \$0	\$2,423,000 \$3,317,000	100% 75%	\$0 \$1,106,000	\$0.00 (\$44,000.00)	(\$20,000.00) (\$20,000.00)	(\$40,000.00) (\$40,000.00)	(\$60,000.00) (\$104,000.00)			
\$57	\$55 \$57	\$32	\$32	\$25 \$25		\$4,423,000	\$0 \$0	\$0	0%	\$4,423,000	#########	4. ,	(\$40,000.00)	(\$238,000.00)			
												· · · · · · · · · · · · · · · · · · ·					
\$41	\$41	\$13	\$13	\$28	125	\$3,937,000	########	\$1,937,000	100%	\$0	\$0.00		(\$10,000.00)	(\$20,000.00)			
\$68 \$147	\$62 \$124	\$40 \$119	\$34 \$96	\$28 \$28	125 125	. , ,	\$0 \$0	\$2,953,000 \$0	75% 0%	\$984,000 \$3,937,000	(\$40,000.00) ##########	,	(\$10,000.00) (\$10,000.00)	(\$60,000.00) (\$178,000.00)			
<b>Φ14</b> /	<b>⊅1</b> ∡4	φιισ	320	<b>⊅∠0</b>	123	φ3, <del>3</del> 31,000	φU	φU	U 70	φ3,931,000	<del>nnnnnnnnnn</del>	(\$10,000.00)	(φιυ,υυυ.υυ)	(Φ170,000.00)			

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6A - Improved Treatment - Second Mesa Only	\$48	\$48	\$20	S20	\$28	125 \$3,073,000	*********	\$1,073,000	100%	\$0	\$0.00	(\$10,000,00)	(\$20 000 00	) (\$30,000.00)
6B - Improved Treatment - Second Mesa Only	\$69	\$69	\$41	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		125 \$3,073,000					(\$31,000.00)			) (\$61,000.00)
6C - Improved Treatment - Second Mesa Only	\$131	\$130	\$103	\$102	\$28	125 \$3,073,000	\$0	\$0	0%	\$3,073,000	##########	(\$10,000.00)	(\$20,000.00	(\$154,000.00)
7A Treatment - Shungopovi	\$31	\$31	\$11	\$11	\$20	146 \$1,277,000	########	\$0	100%	\$0	\$0.00	(\$10,000.00)	(\$10,000.00	) (\$20,000.00)
7B Treatment - Shungopovi	\$39	\$39	\$19	\$19	\$20	146 \$1,277,000	\$0	\$958,000	75%	\$319,000	(\$13,000.00)	(\$10,000.00)	(\$10,000.00	) (\$33,000.00)
7C Treatment - Shungopovi	\$61	\$61	\$41	\$41	\$20	146 \$1,277,000	\$0	\$0	0%	\$1,277,000	(\$51,000.00)	(\$10,000.00)	(\$10,000.00	) (\$71,000.00)
7A - Improved Treatment - Shungopovi	\$37	\$37	\$17	\$17	\$20	146 \$2,149,000	#######	\$0	100%	\$0	\$0.00		(\$20,000.00)	
7B - Improved Treatment - Shungopovi	\$50	\$49	\$30	\$29	\$20	146 \$2,149,000	\$0	\$1,612,000					(\$20,000.00)	
7C - Improved Treatment - Shungopovi	\$86	\$86	\$66	\$66	\$20	146 \$2,149,000	\$0	\$0	0%	\$2,149,000	(\$86,000.00)	(\$10,000.00)	(\$20,000.00	) (\$116,000.00)

Interest rate 2.000% Rates Change Quarterly

Term 40

NOTES

ESTIMATED FUNDING/EDU COSTS ABOVE ARE CONCEPTUAL, INFORMATION WILL CHANGE DURING RD UNDERWRITING.

Options 1-2: Used average as existing rates @ \$25/EDU, less \$4/EDU savings due to not using village wells.

Options 3-4: Used average as existing rates @ \$25/EDU

Options 5-7 Used existing rates in each village

Option 2 - Reduced electrical - Reduced capital cost & O&M cost for tribal contribution to electrical costs.

Option A - Better case scenario w/up to \$2M Set-Aside and Max 75% Grant

Option B - Middle case, 75% grant w/o Native Set-Aside Grant

Option C - Worst case / All Loan

Option 5, 6 & 7 : O&M & SLA to cover treatment only.

Option 5, 6 & 7 Improved: Increase SLA to cover treatment and existing system;

EDU Counts from 2014 PER, Table 5.2

Funding & Annual Costs rounded to \$1,000;

CPAP - Community Program Application Processing - RD Program for Underwriting